

FIGURE 1

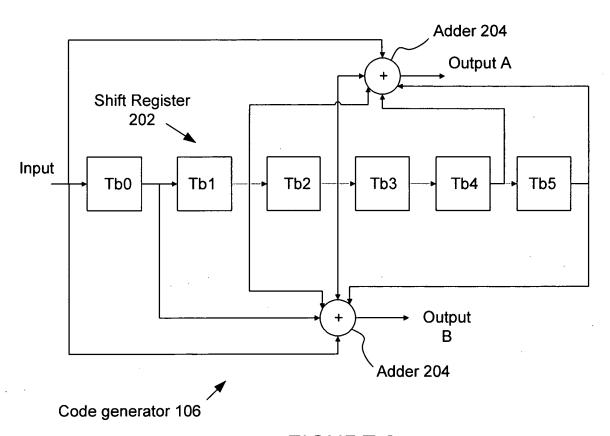


FIGURE 2 PRIOR ART

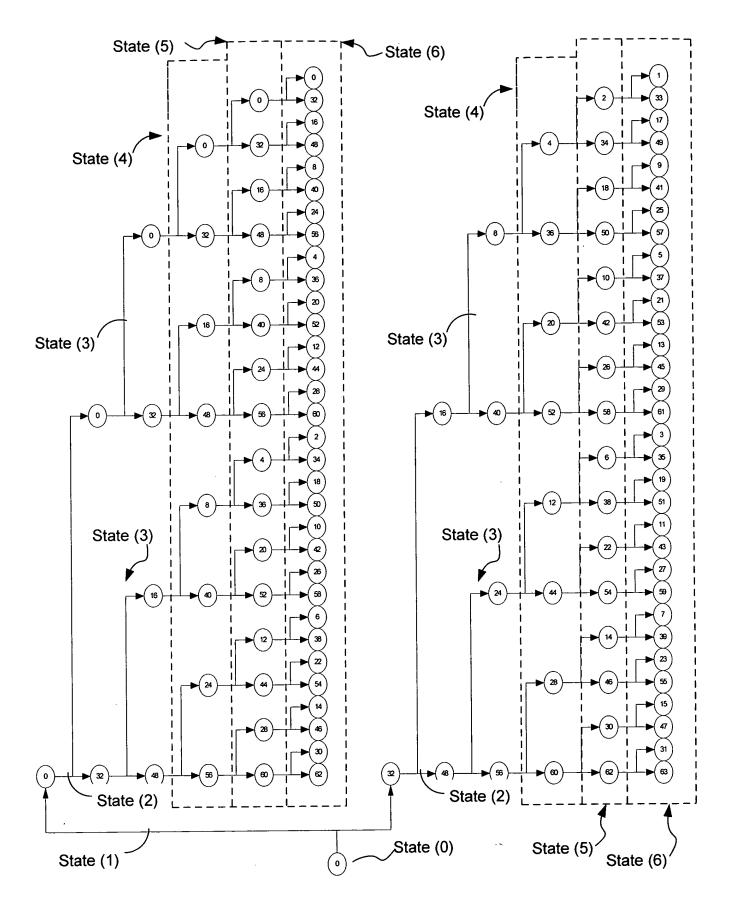


FIGURE 3

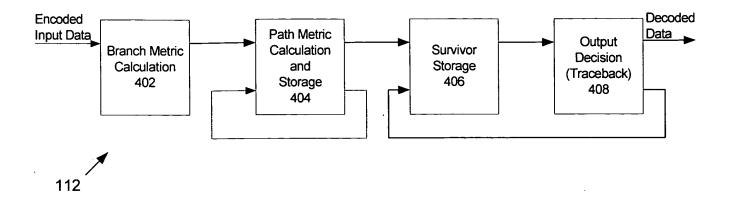


FIGURE 4

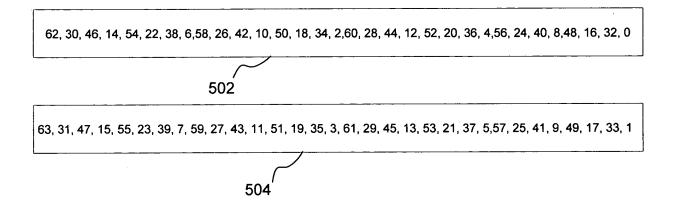


FIGURE 5

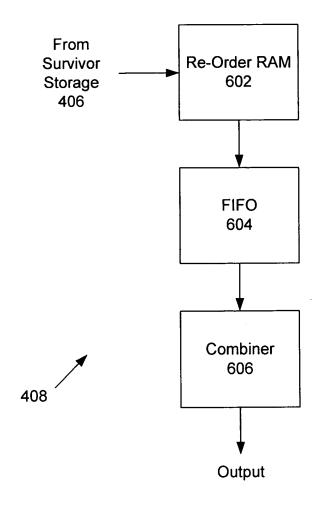


FIGURE 6A

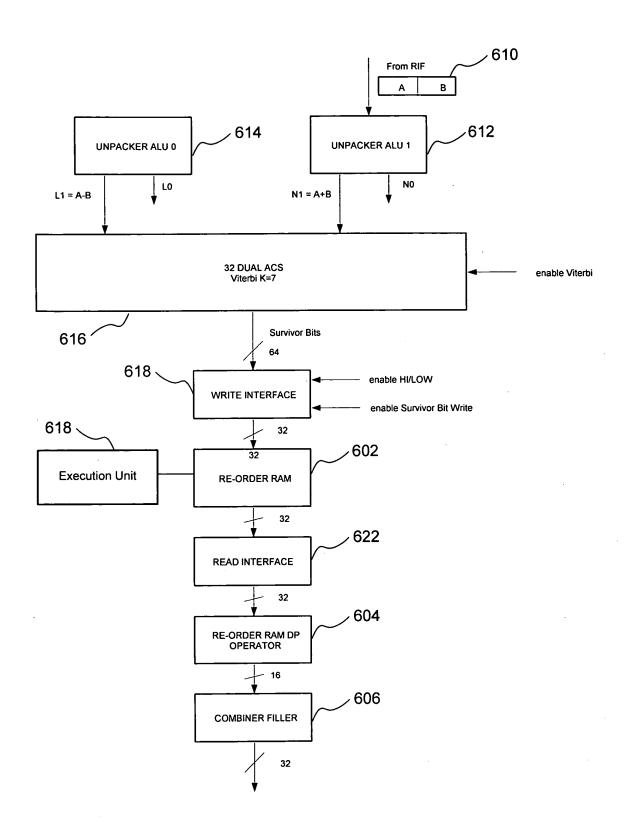


FIGURE 6B

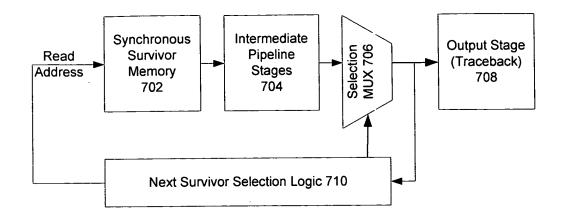


FIGURE 7

K = 7 Memory Organization

Bit#	Word0	Word1	Bit#	Word0	Word1	
0	0	16	16	32	48	
1	1	17	17	33	49	
2	2	18	18	34	50	
3	3	19	19	35	51	
4	4	20	20	36	52	
5	5	21	21	37	53	
6	6	22	22	38	54	
7	7	23	23	39	55	
8	8	24	24	40	56	
9	9	25	25	41	57	
10	10	26	26	42	58	
11	11	27	27	43	59	
12	12	28	28	44	60	
13	13	29	29	45	61	
14	14	30	30	46	62	
15	15	31	31	47	63	

FIGURE 8

K = 7 Memory Organization

 -				
Bit#	Word0	Wordl		
0	0	1		
1	32	33		
2	16	17		
3	48	49		
4	8	9		
5	40	41		
6	24	25		
7	56	57		
8	4	5		
9	36	37		
10	20	21		
11	52	53		
12	12	13		
13	44	45		
14	28	29		
15	60	61		
16	2	3		
17	34	35		
18	18	19		
19	50	51		
20	10	11		
21	42	43		
22	26	27		
23	58	59		
24	6	7		
25	38	39		
26	22	23		
27	54	55		
28	14	15		
29	46	47		
30	30	31		
31	62	63		

K = 9 Memory Organization

Bit#	W0	W1	W2	W3	W4	W5	W6	W7
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31	0 128 64 192 32 160 96 224 16 144 80 208 48 176 112 240 8 136 72 200 40 168 104 232 24 152 88 216 56 184 120 248	4 132 68 196 36 164 100 228 20 148 84 212 52 180 116 244 172 108 236 28 156 92 220 60 188 124 252	2 130 66 194 34 162 98 226 18 146 82 210 50 178 114 242 10 138 74 202 42 170 106 234 26 154 90 218 58 186 122 250	6 134 70 198 38 166 102 230 22 150 86 214 182 118 246 174 110 238 30 158 94 222 62 190 126 254	1 129 65 193 33 161 97 225 17 145 81 209 49 177 113 241 169 105 233 25 153 89 217 57 185 121 249	5 133 69 197 37 165 101 229 21 149 85 213 181 17 245 173 109 237 29 157 93 221 61 189 125 253	3 131 67 195 35 163 99 227 19 147 83 211 179 115 243 171 139 75 203 43 171 107 235 27 155 91 219 59 187 123 251	7 135 71 199 39 167 103 231 231 151 87 215 183 192 247 175 111 239 31 159 95 223 63 191 127 255

FIGURE 10